

Marked-Up Copy of Amendments

10. (Amended) A strobe comprising:

a housing;
a gas filled tube;
a capacitor coupled to the tube;
a candela specifying element;
input terminals for receipt of voltages in a range of 10-30 volts; and
control circuitry carried in the housing,
coupled to the capacitor, the specifying element and the input

terminals;

wherein the control circuitry includes a capacitor voltage feedback circuit, and in response to a feedback signal therefrom, incrementally alters a capacitor charging parameter for a subsequent charging cycle so as to produce the specified candela when the tube is energized.

62. (Amended) A strobe comprising:

a housing;
a triggerable source of illumination carried by the housing;
control circuitry carried by the housing and coupled to the source of

illumination;

an illumination output specifying element, coupled to the control circuitry, for specifying a desired light output;

a power supply, carried by the housing, and coupled to the control circuit, wherein the supply includes input terminals for receipt of electrical energy of varying levels; and wherein the control circuitry is responsive to received levels of electrical energy varying over at least 8-30 volts to provide the specified output of illumination, and wherein the control circuitry initiates each charging cycle by step-wise increasing a capacitor charging duty cycle parameter on a predetermined basis prior to altering that parameter in response to a feedback signal from the capacitor.--

68. (Amended) A strobe comprising:

a housing;

a light source;

a capacitor coupled to the source;

a candela specifying element;

input terminals for receipt of voltages in one of a range of 8-18 volts or
[and] 16-33 volts; and

control circuitry, carried in the housing coupled at least to the capacitor, and the specifying element and instructions for charging the capacitor in a closed control loop in accordance with the specifying element and received voltage to drive the source to produce the specified candela.